

New Insect Species Project

Although there are over a million species of insects that have already been discovered, there are still more out there that have not yet been identified! Your job in this project is going to be to design a new species of insect based on the parts of those that have already been identified.

You will have almost 2 class periods to research different insects using pictures from field guilds. Based on these pictures, you are then going to draw and label a newly created insect. Each body part should come from a different type of insect. You must include the following 8 body parts on your drawing (which means you must first research them!) They also need to be accurately labeled and spelled correctly.

1. Head
2. Thorax
3. Abdomen
4. 3 pairs of jointed legs (6 legs total all from same insect)
5. Compound eyes
6. 2 antennae
7. Mandible (jaws)
8. Wings (whether there are 2 or 4, they are all from same insect)

In addition to labeling the name of each body part, you must also name the type of insect from which each part came. For example, if you drew the head of a black carpenter ant, you would label it “black carpenter ant’s head.” Make sure your labels are accurate! Each part must come from the **adult** form of the insect, NOT the egg or larval form. Furthermore, each part must come from an insect, not another type of animal. Note: Spiders are not insects!!!

Finally, your final project must look attractive. The final copy should be large enough to fill most of the paper. It should be neat and colored. You can decide on the final colors for your insect. Name your newly created insect. (You should write this on the top of your paper next to your own name.)

The entire project is worth 30 points. A breakdown of the grading can be found in the rubric on the back of this sheet. Use your time wisely and stay on task.